Building Engineers and Mentors: Bringing science and engineering to Los Angeles schools

Matthew Nguyen, President
Maggie Shi, Historian

beam.ucla.edu

Industrial Advisory Board Meeting, January 22, 2015
BEAM’s Outreach Model

Schools We Visit Weekly

- Crescent Heights (Faircrest Heights)
- Melrose Elementary (Hollywood)
- Playa Vista Elementary (Playa Vista)

Mechanical & Aerospace Engineering 194
BEAM’s student-taught class

30 UCLA mentors serving 120 students (K-12)
Future Plans

Online Learning Videos: Reaching wider audiences

Computer Science Lessons: Teaching programming to younger audiences
Interested in Partnering with BEAM?

Community Partners
• Include more schools
• Host experiments

Sponsors
• Lesson Plan equipment

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